NEC Express5800/100 Series

NEC Express5800/110Ge

Key Benefits

- ***Easy-to-deploy entry-level tower server with essential server features***
- ***RAID 5/6 data protection***
- ***Tape drive options for reliable backup***

The NEC Express5800/110Ge is an entry-class single-processor server optimized for workgroups and small businesses looking for a reliable server with minimum necessary functionality at an affordable price. With its simple architecture, the 110Ge enables budget-conscious businesses to set up and manage the system with ease, helping handle daily computing tasks cost-effectively.

The 110Ge is also designed to deliver reliability and availability with its essential server features, including DDR2-800 ECC memory and support for Serial Attached SCSI (SAS) or Serial ATA (SATA) hard disk drives enabling RAID data protection.

The 110Ge is ideal for a file and print server that provides secure data protection. It is also suited for web serving.

Features

- Choice of processors (Dual-Core Intel® Xeon® Processor, Intel® Pentium® dual-core processor or Intel® Celeron® Processor)
- Up to 8GB DDR2-800 ECC memory
- Up to three 3.5-inch Serial Attached SCSI or four Serial ATA disk drives, with RAID 5/6 capability as option

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Hardware Specification

CPU

Intel® Celeron® Processor 430
(1.80GHz/800MHz FSB/512KB L2 Cache)
Intel® Pentium® dual-core processor E2160
(1.80GHz/800MHz FSB/1MB L2 Cache)
Dual-Core Intel® Xeon® Processor 3065
(2.33GHz/1333MHz FSB/4MB L2 Cache)

Number of Processors	1
Chipset	Intel® 3200

Memory

Memory Type	DDR2-800 DIMM with ECC
Std./Max.	512MB/8GB (2GB x 4)

Storage

Storage Type & Max. Capacity	3.5-inch SATA : 3TB (750GBx4) 3.5-inch SAS[*1] : 439.5GB (146.5GBx3)
RAID	3.5-inch SATA : RAID 0/1 (standard) RAID 5/6 (option)[*1] 3.5-inch SAS : RAID 0/1/5 (option)[*1]
Optical Drive	DVD-RAM[*2]
Internal Disk Bays	4 (SATA), 3 (SAS)
Expansion Slots	Total: 4 slots PCI-Express x8 : 1 PCI-Express x4 : 1 32bit/33MHz PCI : 2

Network & Video

Network	1000BASE-T x 1 (100BASE-TX and 10BASE-T are supported.)
Video	XGI Z9S (32MB)

Deployment

Max. Power Consumption	248VA/245W
Redundant Power Supply	–
Redundant Cooling Fan	–
I/O Ports	Display x 1, Keyboard x 1, Mouse x 1, USB 2.0 x 6, Serial x 1, Parallel x 1, LAN x 1
Dimensions (mm)	173W x 453D x 448H[*3]
Weight	Std. : 14kg Max. : 18kg

Supported OS

Microsoft® Windows Server® 2003, Standard Edition (SP1 or later)
Microsoft® Windows Server® 2003 R2, Standard Edition[*4]

[*1] Requires the optional RAID Controller [N8103-117]
[*2] DVD: max. x16 speed CD: max. x40 speed
[*3] 173W x 461D x 448H (including protruding objects)
[*4] Supports the x64 Edition

NEC EXPRESS5800

For further information, please contact:

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